

# Claims

- [c1] A pick up mechanism for a socket connector comprising:  
a plate member having retention means for picking up  
the socket connector, and defining a sign means formed  
on an edge of the plate member to shape the plate  
member asymmetrical relative to a longitudinal and a  
transverse axis lines, respectively.
- [c2] The pick up mechanism of claim 1, wherein the sign  
means is at least one cutout defined at the edge of the  
plate member.
- [c3] The pick up mechanism of claim 2, wherein the cutout is  
triangular.
- [c4] The pick up mechanism of claim 3, wherein the plate  
member defines a smooth top surface and a bottom sur-  
face.
- [c5] The pick up mechanism of claim 4, wherein the retention  
means is retention protrusions depending from the bot-  
tom surface of the plate member.
- [c6] The pick up mechanism of claim 5, wherein stoppers de-  
pend from the bottom surface of the plate member.

- [c7] The pick up mechanism of claim 6, wherein the stoppers are perpendicular to each other.
- [c8] An assembly comprising:  
an electrical socket defining rectangular housing with a rectangular opening in a central opening thereof;  
a plurality of first engaging devices formed asymmetrically along a periphery of said opening;  
a pick up mechanism roughly defining a rectangular plate member with a plurality of second engaging devices formed asymmetrically on an underside thereof and coupled to the corresponding first engaging devices, respectively; wherein  
an orientation mark is upwardly exposed to an exterior in a vertical direction whereby it is easy for an operator to downwardly assemble the pick up mechanism to the socket with correct orientation.
- [c9] The assembly of claim 8, wherein said orientation mark is a cutout at a corner of said plate member.
- [c10] A pick up mechanism for use with an electrical connector, comprising:  
a rectangular plate member having retention means formed on an underside thereof for picking up the connector, and defining a sign means upwardly exposed to

an exterior to reshape the plate member to be equipped with an orientation function so as to make sure of non-interference between said retention means and said connector during assembling.